

STATE OF THE UTILITY

SHARED DATA

Safety

Environmental

Regulatory

Personnel

STATE OF THE UTILITY

CUSTOMER OPERATIONS

Operations Data

Customer Operations Metrics Summary April 2018

Active Accounts	Apr-18	YTD Gain/Loss	FY17
<i>Residential Contract Accounts</i>			
Total	90,309	207	90,102
Electric	83,805	111	83,694
Gas	33,389	266	33,123
Water	62,836	144	62,692
Wastewater	58,759	99	58,660
Telecomm	124	(13)	137

Active Accounts	Apr-18	YTD Gain/Loss	FY17
<i>Nonresidential Contract Accounts</i>			
Total	13,472	(5)	13,477
Electric	10,927	10	10,917
Gas	1,645	32	1,613
Water	5,877	(15)	5,892
Wastewater	4,644	(7)	4,651
Telecomm	357	4	353

New Installations	Apr-18	FY18 To Date	FY17
Electric	71	699	1545
Gas	35	273	432
Water	50	334	525
Wastewater	49	330	530
Telecomm	5	61	223

Residential Disconnects	Apr-18	FY18 To Date	FY17
Volume	1,214	9,393	14,335
Average Balance	\$237.80	\$251.17	\$245.50

Revenue Assurance	Apr-18	FY18 To Date	FY17
Referred to Collections	\$119,870.18	\$1,062,901.74	\$2,214,584.97
Recovered	\$58,259.00	\$474,137.77	\$664,519.40

Call Center Volume	Apr-18	FY18 To Date	FY17
Residential ASA	0:09:38	0:11:17	0:07:23
Business ASA	0:05:16	0:04:16	0:03:43
Payment Arrangement ASA	0:06:43	0:07:52	0:04:58
CSR Calls	11,734	77,415	159,591
CSR Callbacks	1,504	14,274	19,673
IVR Self Service	20,444	160,090	283,147
Total	32,178	237,505	421,863
IVR/Total	64%	67%	67%

Service Orders	Apr-18	FY18 To Date	FY17
Move Ins	6,735	50,600	117,647
Move Outs	7,694	50,727	117,865

Bills Generated	Apr-18	FY18 To Date	FY17
Paper Bills	101,543	742,347	1,245,142
eBills	16,770	116,818	191,498
Total	118,313	859,165	1,436,640
eBill/Total	14%	14%	13%

Average Res Bill Amounts	Apr-18	FY18 To Date	FY17
Electric (kWh)	640	734	804
Electric (\$)	\$93.25	\$109.09	\$117.98
Gas (Therms)	23	29	16
Gas (\$)	\$36.07	\$42.27	\$28.81
Water (kGals)	5	5	5
Water (\$)	\$31.15	\$30.41	\$31.74
Wastewater (kGals)	5	5	5
Wastewater(\$)	\$37.90	\$37.74	\$38.08

Payment Arrangements	Apr-18	FY18 To Date	FY17
Total	6,673	58,999	95,142

STATE OF THE UTILITY

ENERGY DELIVERY

Operations Data & Projects

ENERGY DELIVERY - UAB REPORT - APRIL 2018

Durations Reliability Report Between 4/01/2018 and 4/30/2018

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES	MONTHLY AVG GOAL
Monthly Average Customers Served(C)	96,897 Average Service Availability Index (ASAI)	99.9883%
Total Hours of Customer Demand	67,440,312 System Average Interruption Duration Index (SAIDI)	4.87 Mins 4.5 Mins
Total Number of Outages	62 Customer Average Interruption Duration Index (CAIDI)	40.78 Mins 55 Mins
Total Number of Customers Affected (CI)	11,571 System average Interruption Frequency Index (SAIFI)	0.12 0.08
Total Customer Minutes Interrupted (CMI)	471,824	
Total Customer "Out Minutes"	10,268 Average Length of a Service Interruption (L-Bar)	165.61 Mins

Outage Duration Times

Average Hours: 2
Maximum Hours: 16
Minimum Hours: 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	2	0	0	2
1. Vegetation	13	2	4	19
1. Animals	10	0	0	10
1. Foreign Interference	0	0	0	0
1. Human Cause	3	2	1	6
1. Undetermined	2	0	0	2
1. Equipment Failure	4	14	5	23
1. All Remaining Outages	0	0	0	0
Total	34	18	10	62

Durations Reliability Report Between 10/01/2017 and 4/30/2018

Excludes Extreme Weather and Generation/Transmission Disturbances

CUSTOMER DATA	RELIABILITY INDICIES	FISCAL YTD GOALS
Monthly Average Customers Served(C)	96,897 Average Service Availability Index (ASAI)	99.9917%
Total Hours of Customer Demand	490,686,408 System Average Interruption Duration Index (SAIDI)	25.07 Mins 27 Mins
Total Number of Outages	367 Customer Average Interruption Duration Index (CAIDI)	41.77 Mins 55 Mins
Total Number of Customers Affected (CI)	58,147 System average Interruption Frequency Index (SAIFI)	0.6 0.56
Total Customer Minutes Interrupted (CMI)	2,429,023	
Total Customer "Out Minutes"	56,268 Average Length of a Service Interruption (L-Bar)	153.32 Mins

Outage Duration Times

Average Hours: 2
Maximum Hours: 17
Minimum Hours: 0

Cause of Outages

Cause	Overhead	Underground	Undetermined	Total
1. Weather	27	4	5	36
1. Vegetation	87	8	19	114
1. Animals	41	7	0	48
1. Foreign Interference	0	0	0	0
1. Human Cause	13	10	7	30
1. Undetermined	17	5	3	25
1. Equipment Failure	27	59	28	114
1. All Remaining Outages	0	0	0	0
Total	212	93	62	367

ENERGY DELIVERY - UAB REPORT - APRIL 2018

Energy Delivery - Major Projects

Major Electric Design Projects

- > CRA South Main Street (OH to UG Conversion)
- > City of Gainesville - SW 4th Avenue (OH to UG Conversion)
- > City of Gainesville - SE 4th Street (Forced relocation of OH to UG Conversion - CC approved 1/4/18)
- > Butler Town Center (Ongoing Retail Development)
- > Celebration Point (Ongoing Retail Development)
- > Utility Relocation projects (SW 8th Ave Extension, SW 20th Ave/SW 61st Street Widening)

Major Gas Design Projects:

- > 6700 Block SW 8th Ave - 4" Main extension
- > 300 Block NW 15th Street - bare steel replacement (1,700 ft.) - finished
- > 600 - 1100 SE 4th St - Main relocation - finished
- > Aloft Hotel - Hull Rd - gas main installation (1400') - finished
- > Celebration Point – SW 45th Pl – gas main installation as needed (9238').

New Gas Services installed in April: 44 - New Customer work/Not replacement work

ENERGY DELIVERY - UAB REPORT - APRIL 2018

Electric System Consumption

ELECTRIC SYSTEM	CONSUMPTION	CUSTOMERS
Feed-In-Tariff - Residential	65 KWH	102
Feed-In-Tariff - General Service	2,461 KWH	156
Electric - GS - Demand - Regular	43,810,759 KWH	1,239
Electric - General Service Demand PV	672,612 KWH	16
Electric - GS - Kanapaha w Curtail Cr	1,066,800 KWH	1
Electric - GS - Demand - Large Power	7,489,840 KWH	9
Electric - GS - Murphree Curtail Credit	1,471,200 KWH	1
Electric - GS Large Demand PV	3,307,200 KWH	2
Electric - GS - Non Demand	12,612,150 KWH	9,685
Electric - General Service PV	67,342 KWH	58
Electric - Lighting - Rental	1,046,920 KWH	4,341 <i>n</i>
Electric - Lighting - Street - City	788,337 KWH	14 <i>n</i>
Electric - Lighting - Street - County	297,235 KWH	2 <i>n</i>
Electric - Lighting - Traffic	4,542 KWH	2 <i>n</i>
Electric - Residential - Non TOU	52,717,000 KWH	85,385
Electric - Residential PV	92,921 KWH	275
Total Retail Electric (<i>n</i> =not included in total)	<u>125,447,384 KWH</u>	<u>96,929</u>
City of Alachua	9,220,000 KWH	19,056 KW
City of Winter Park	7,200,000 KWH	10,000 KW
Total (Native) Electric	141,867,384 KWH	

Gas System Consumption

GAS SYSTEM		
Gas - GS - Regular Service (Firm)	814,848 THM	1,425
Gas - GS - Regular Service (Small)	12,794 THM	258
Gas - GS - Interruptible - Regular Serv	43,776 THM	1
Gas - GS - Interruptible - Large Volume	372,236 THM	7
Gas - Residential - Regular Service	738,636 THM	33,677
Total Retail Gas	<u>1,982,290 THM</u>	<u>35,368</u>
Gas - GS - UF Cogeneration Plant	1,832,079 THM	1
Gas - Residential - LP - Basic Rate	3,904 GAL	198

STATE OF THE UTILITY

ENERGY SUPPLY

Operations Data & Projects

April 2018

Energy Supply

System Statistics

Unit Capability output - MWn

DH-2	228
DH-1	75
Kelly CC	108
CT's	106
Grid	2 X 224
DHR	102.5

Energy Supply - MWHrs Delivered

Source	Month	YTD	Budget YTD	Delta Budget
DH-2	73,404	416,980	593,140	(176,160)
DH-1	18,596	117,695	26,491	91,204
Kelly CC	2,786	94,762	218,072	(123,310)
CT's	-	2,526	160	2,366
Grid	24,000	138,285	161,459	(23,174)
DHR	16,457	313,100	23,126	289,974

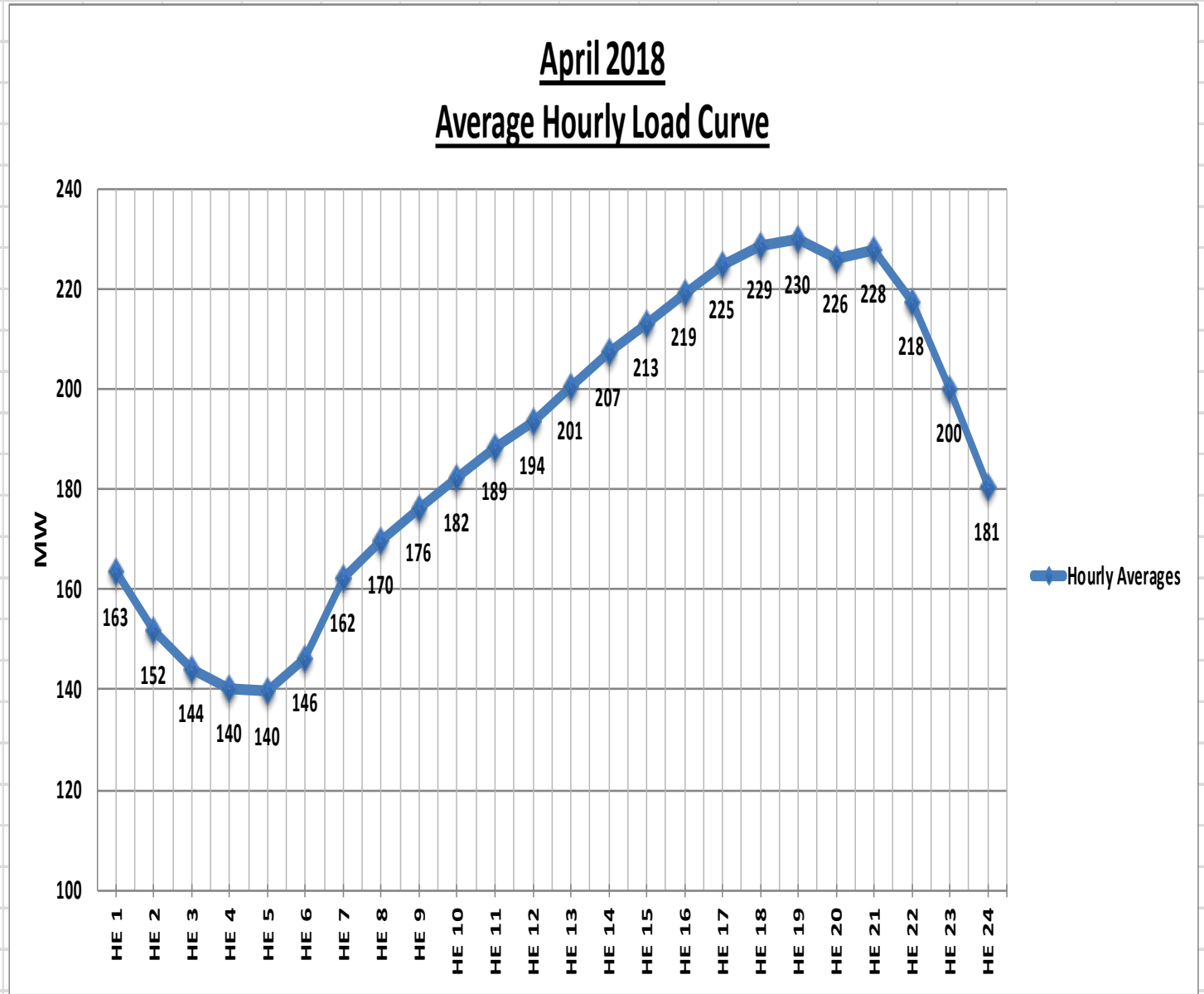
Average Energy Distribution Curve

Curve 1 is the hourly distribution of load averages over the month
 Curve 2 is peak load per day

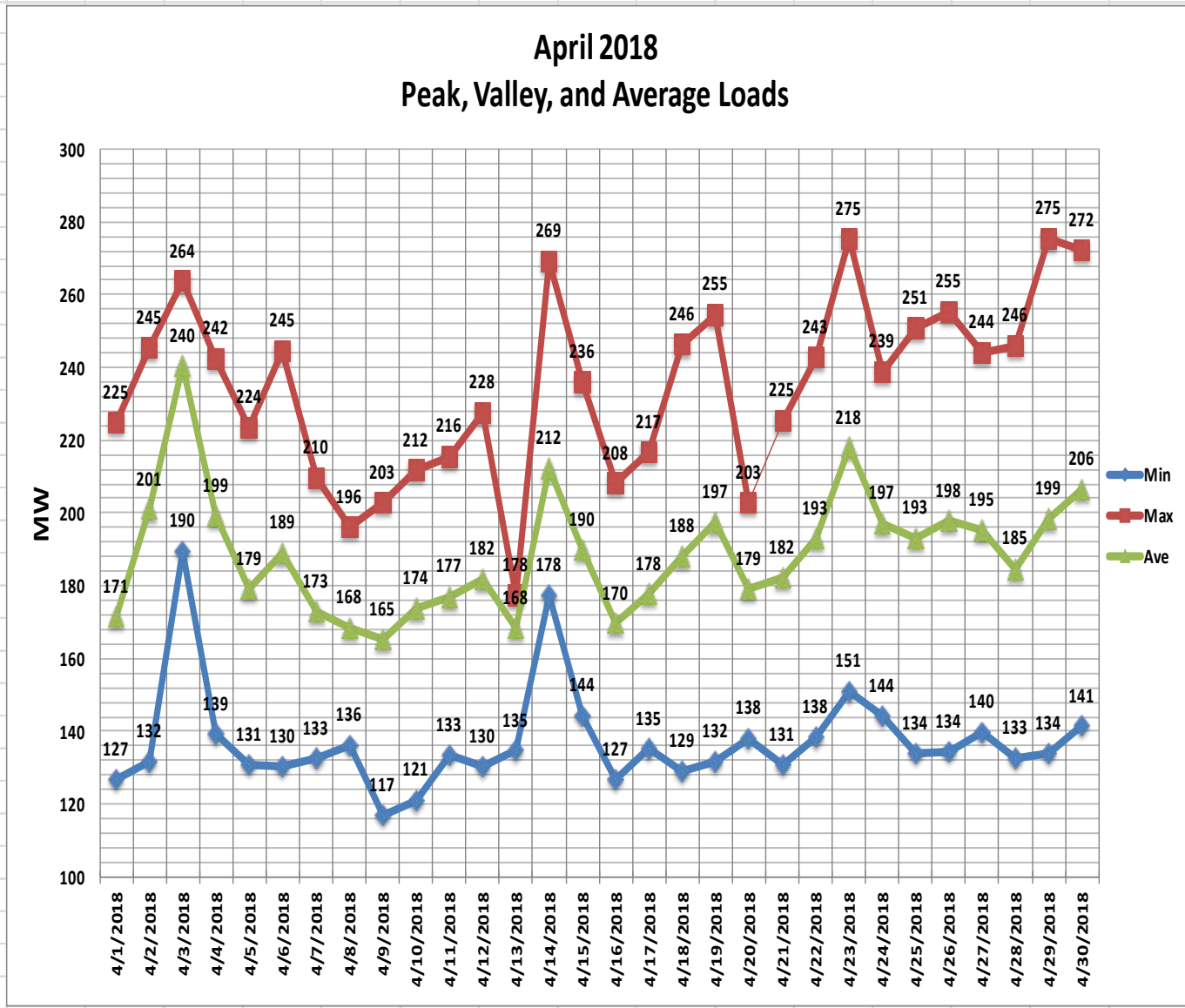
Fuel Consumed

	Month	YTD	Budget YTD	Delta Budget
Coal - Tons	26,331	157,814	310,231	(152,417)
Gas-MCF	482,905	3,623,763	2,671,449	952,314
Fuel oil - Gal	4,680	175,897	-	175,897
Wood - Tons	27,349	323,188	318,391	4,797

Hour Ending	Ave. Load
HE 1	163
HE 2	152
HE 3	144
HE 4	140
HE 5	140
HE 6	146
HE 7	162
HE 8	170
HE 9	176
HE 10	182
HE 11	189
HE 12	194
HE 13	201
HE 14	207
HE 15	213
HE 16	219
HE 17	225
HE 18	229
HE 19	230
HE 20	226
HE 21	228
HE 22	218
HE 23	200
HE 24	181



Date	Valley	Peak	Ave
4/1/2018	127	225	171
4/2/2018	132	245	201
4/3/2018	190	264	240
4/4/2018	139	242	199
4/5/2018	131	224	179
4/6/2018	130	245	189
4/7/2018	133	210	173
4/8/2018	136	196	168
4/9/2018	117	203	165
4/10/2018	121	212	174
4/11/2018	133	216	177
4/12/2018	130	228	182
4/13/2018	135	178	168
4/14/2018	178	269	212
4/15/2018	144	236	190
4/16/2018	127	208	170
4/17/2018	135	217	178
4/18/2018	129	246	188
4/19/2018	132	255	197
4/20/2018	138	203	179
4/21/2018	131	225	182
4/22/2018	138	243	193
4/23/2018	151	275	218
4/24/2018	144	239	197
4/25/2018	134	251	193
4/26/2018	134	255	198
4/27/2018	140	244	195
4/28/2018	133	246	185
4/29/2018	134	275	199
4/30/2018	141	272	206



Major Energy Supply Projects/Milestones Updates
As of 5/3/2018

1. For Kelly Plant Generation Station:
 - a. Kelly Generation Station Unit #8 is a 1964 Turbine that is experiencing significant deterioration of the metal integrity of the turbine steam chest. Estimated remaining expected life, according to OEM (Siemens), is around 2022.
 - i. As such we have a proposal from the OEM for upgrading both the High Pressure and Low Pressure Turbines, which will include a new steam chest. However Generator will not be replaced or upgraded in this proposal,
 - ii. In parallel we have released and Request for Information (RFI) to several turbine manufacturers on April 24, 2018 for them to provide proposals to repower this unit with new turbines and new generator within the existing foundation. Unless vendors have questions or ask for more time we expect to see responses in late May to review and contrast with the OEM proposal.
2. Deerhaven Unit #1 (DH1) will begin and outage on May 4th after peak to repair the leaking steam chest. MD&A is the vendor that will begin repair work on May 9th with estimated return to service of the unit of June 7, 2018.
3. Deerhaven Combustion Turbine #3 (CT3) is near the end of a major inspection that began on February 28, 2018. The inspection of the compressor, turbine and generator has been completed with any required repairs in progress, including full rewind of the generator. All work is on track, and within budget, to restore unit to service around May 30, 2018.
4. For South Energy Center;
 - a. Completed required OEM inspections of both the Solar and Wartsila turbines with no major findings.
 - b. For the Phase 2 Project the only current outstanding item is still a possible addition of an additional 3 MW Emergency Diesel Generator for UF Health Data Center and essential load scenarios for Cancer, Cardiovascular, and Nero Medicine Towers. This decision goes to UF Health Board of Directors in May time frame for evaluation. In parallel GRU is obtaining estimates if this direction is agreed to proceed.
5. DHR
 - a. Completed our first outage under GRU ownership on April 25, 2018 with no major findings.
 - b. Following outage once at mid load the turbine gland seal temperatures were elevated. Troubleshooting identified the issue was with the desuperheater spray control valve. Conducted and overnight Short Duration Outage (SDO) on April 30th to inspect this control block. DHR staff found some minor debris in the desuperheater nozzle likely contributing to the fault. Unit was restored to full service morning of May 1st, 2018 with issue fully resolved.
 - c. Will be coordinating a second round of tuning with the Boiler OEM (Valmet) post outage to optimize unit turndown and conduct updated heat rate analysis. Previous successful tuning between staff and OEM has the unit able to operate down to 35 MW continuously if needed.

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STATE OF THE UTILITY

Environmental Permitting

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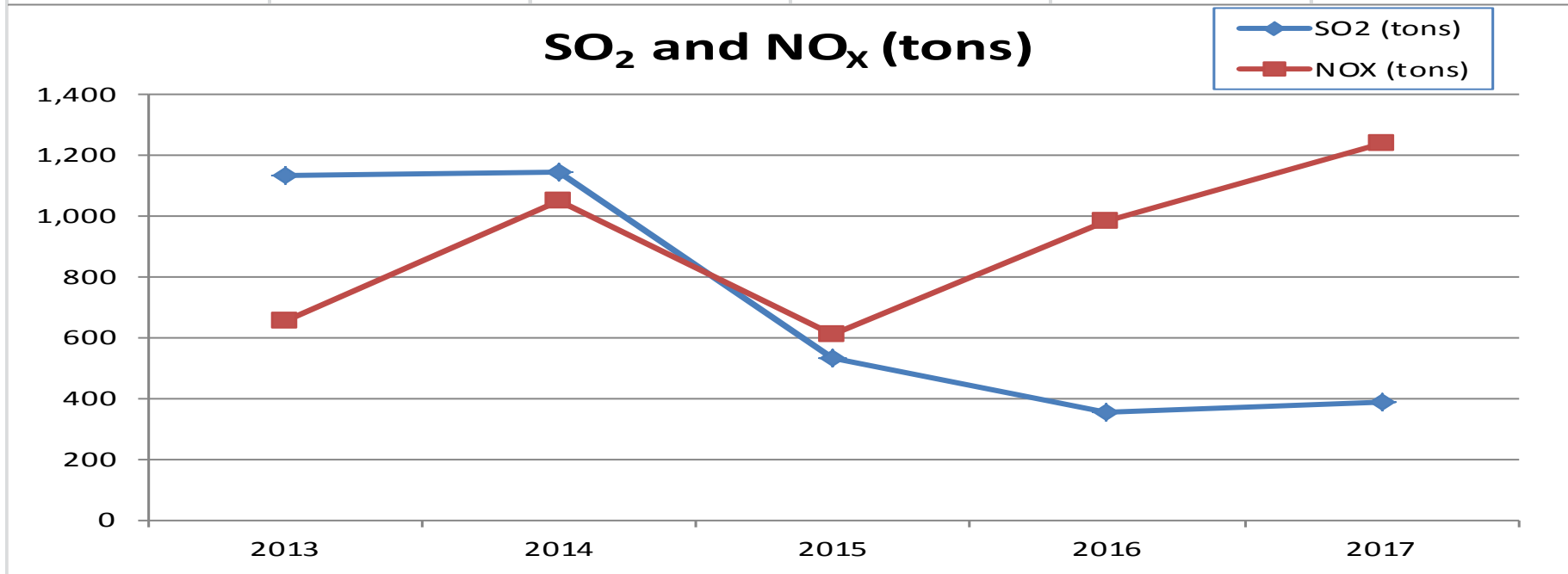
Compliance

Yearly Emissions

	SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)
2013	1,134	653	6.64	112	1,177,703
2014	1,144	1,052	6.23	32	1,192,647
2015	532	608	5.49	47	1,260,423
2016	354	984	2.92	61	1,216,690
2017	389	1,239	2.40	52	1,037,711

2016 Mercury values are for Unit 2 only.

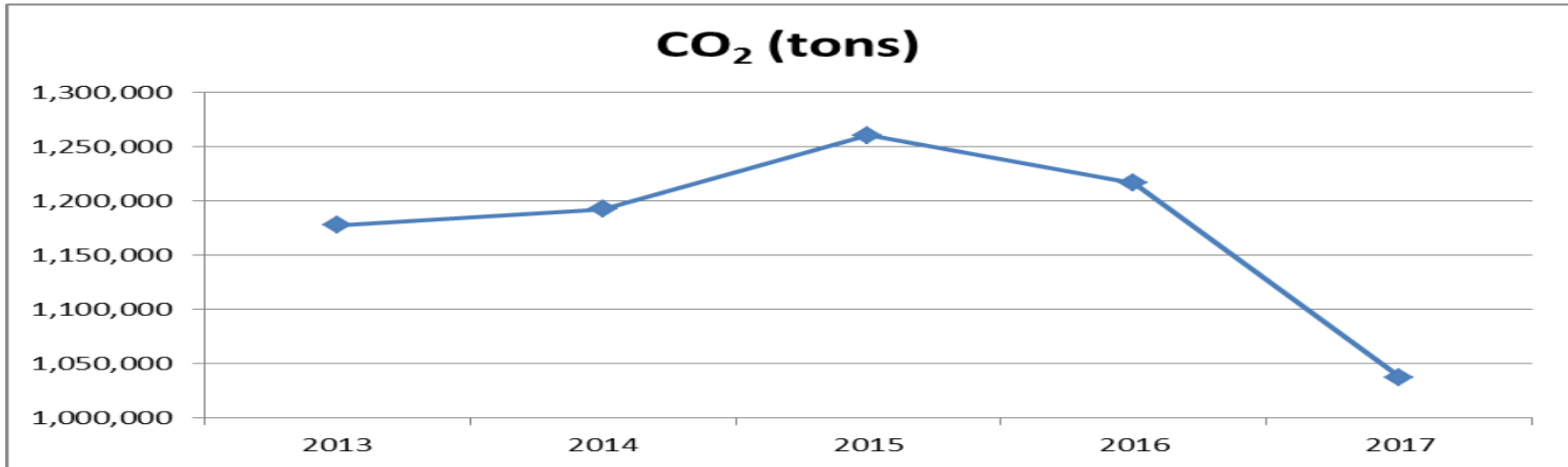
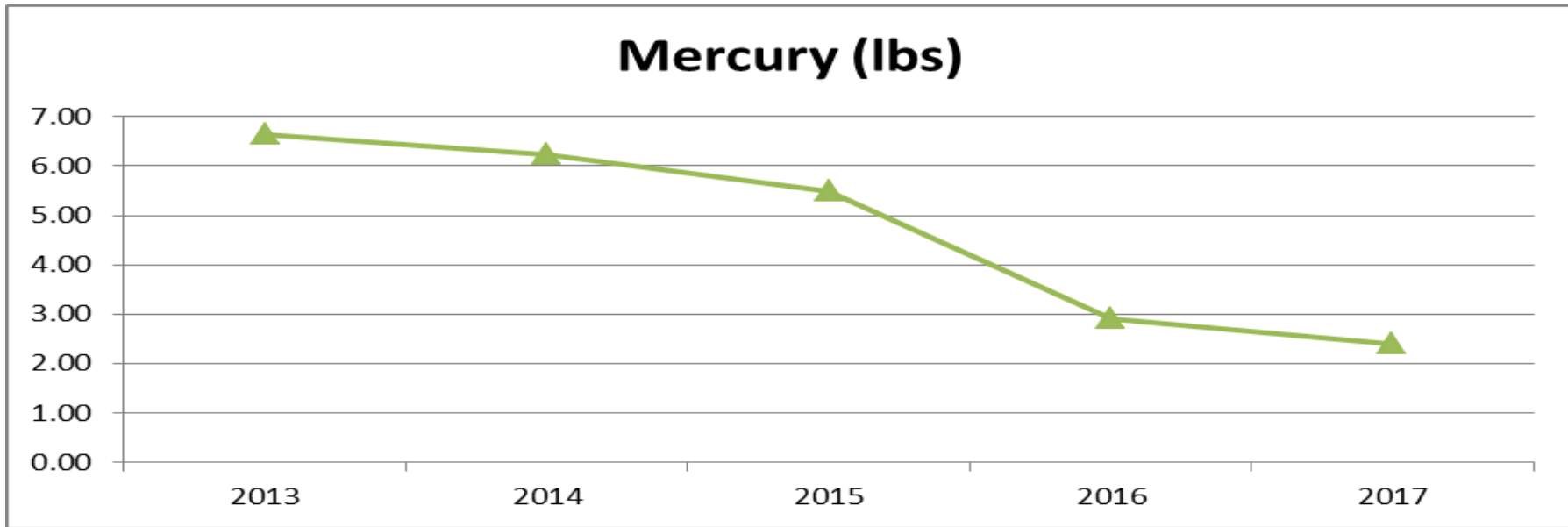
**2017 PM data is currently only available for DH2. PM data will be updated when available.*



SO₂ was lower in 2015, 2016, and 2017 due to higher removal rate settings to assure compliance with the MATS Rule.

NO_x was higher in 2016 since it was more cost effective to use allowances than increase SCR removal rate. NO_x was higher in 2017 since the Cross State Rule was no longer in effect for Florida.

Yearly Emissions

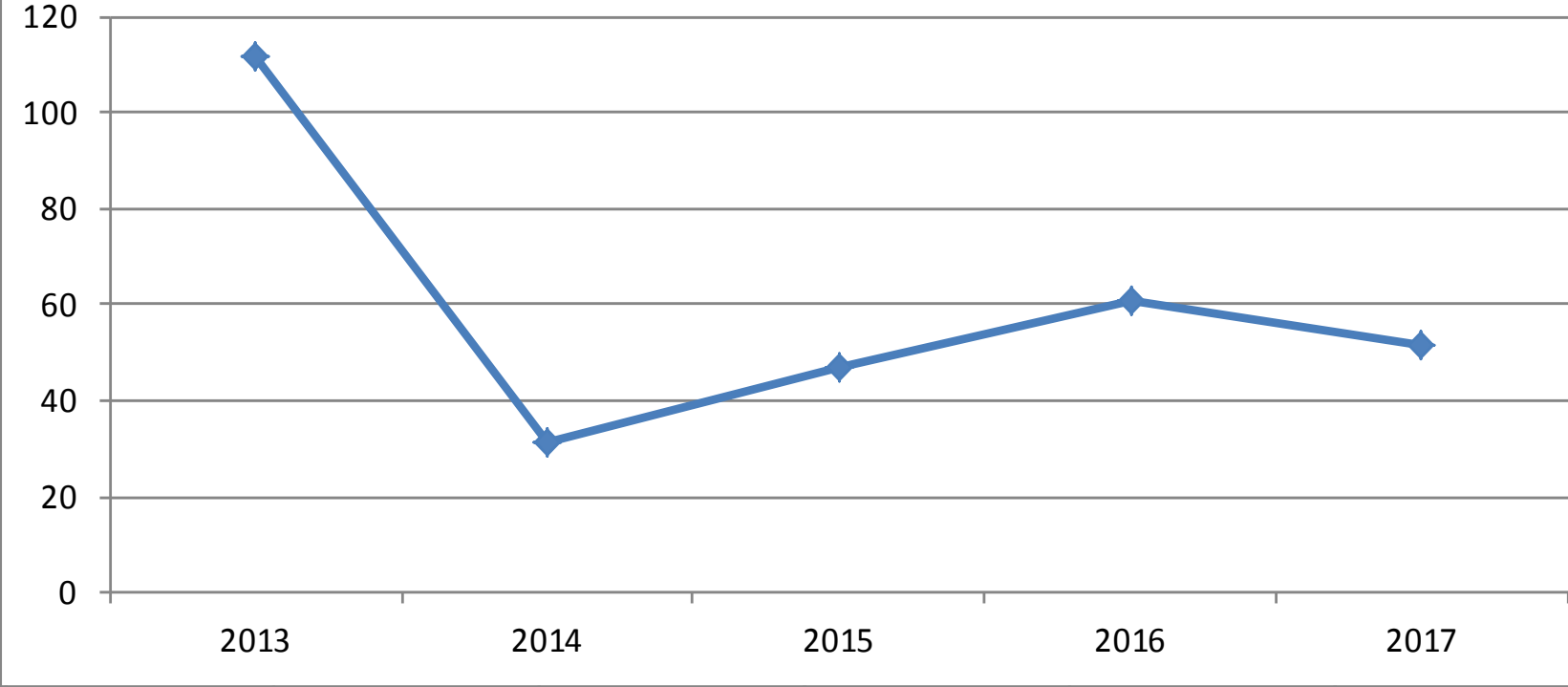


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Yearly Emissions

PM (tons)



Mass Emissions - Last Month for 5 Years

	SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Mar. 2014	172.2	105.3			106,167	1,039,409	103,733
Mar. 2015	38.5	74.8			111,881	1,271,859	135,170
Mar. 2016	33.0	101.1	0.2	1.7	105,807	1,314,611	144,293
Mar. 2017	17.7	22.2	0.0	0.0	30,100	502,908	47,280
Mar. 2018	47.7	161.9	0.6	5.8	95,408	1,052,231	107,727

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2014	DH1	0.0	0.0			12.2	204.0	0.0
	DH2	172.2	105.1			105,511.5	1,028,389.0	102,945.0
	DHCT3	0.0	0.2			642.9	10,816.0	788.0
	JRKCC1	0.0	0.0			0.0	0.0	0.0
	TOTAL	172.2	105.3	0.000	0.00	106,166.6	1,039,409.0	103,733.0

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2015	DH1	0.0	2.3			2,021.6	34,025.0	3,176.0
	DH2	38.4	65.9			86,453.6	843,995.0	86,788.0
	DHCT3	0.0	0.3			1,460.6	24,574.0	1,864.0
	JRKCC1	0.1	6.3			21,945.4	369,265.0	43,342.0
	TOTAL	38.5	74.8	0.000	0.00	111,881.2	1,271,859.0	135,170.0

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2016	DH1	0.0	8.7			7,169.4	120,636.0	10,450.0
	DH2	32.8	86.2	0.23	1.71	65,788.8	641,229.0	68,313.0
	DHCT3	0.0	0.1			259.7	4,369.0	352.0
	JRKCC1	0.2	6.1			32,589.0	548,377.0	65,178.0
	TOTAL	33.0	101.1	0.232	1.71	105,806.9	1,314,611.0	144,293.0

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2017	DH1	17.6	18.8			15,744.4	261,359.0	22,468.0
	DH2	0.0	0.0	0.000	0.000	0.0	0.0	0.0
	DHCT3	0.0	0.4			1,662.4	27,966.0	1,945.0
	JRKCC1	0.1	3.0			12,693.1	213,583.0	22,867.0
	TOTAL	17.7	22.2	0.000	0.00	30,099.9	502,908.0	47,280.0

		SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	HTIP (MMBtu)	GEN (MW-hours)
Apr. 2018	DH1	0.8	19.2			15,322.9	257,708.0	20,042.0
	DH2	46.9	141.9	0.592	5.819	78,110.4	761,299.0	84,516.0
	DHCT3	0.0	0.0			0.0	0.0	0.0
	JRKCC1	0.0	0.8			1,974.5	33,224.0	3,169.0
	TOTAL	47.7	161.9	0.592	5.8	95,407.8	1,052,231.0	107,727.0

Mass Emissions Rate - Last Month for 5 Years per MWh

		SO ₂ lbs per MW-hr net	NO _x lbs per MW-hr net	Hg lbs per MW-hr net	PM lbs per MW-hr net	CO ₂ tons per MW-hr net	HTIP (MMBtu)	GEN (Net MW-hours)
Apr. 2014	DH1	0.00000	0.00000			0.00000	204.0	0.0
	DH2	3.34548	2.04187			1.02493	1,028,389.0	102,945.0
	DHCT3	0.00000	0.50761			0.81586	10,816.0	788.0
	JRKCC1	0.00000	0.00000			0.00000	0.0	0.0
		SO ₂ lbs per MW-hr net	NO _x lbs per MW-hr net	Hg lbs per MW-hr net	PM lbs per MW-hr net	CO ₂ tons per MW-hr net	HTIP (MMBtu)	GEN (Net MW-hours)
Apr. 2015	DH1	0.00000	1.44836			0.63652	34,025.0	3,176.0
	DH2	0.88491	1.51864			0.99615	843,995.0	86,788.0
	DHCT3	0.00000	0.32189			0.78358	24,574.0	1,864.0
	JRKCC1	0.00461	0.29071			0.50633	369,265.0	43,342.0
		SO ₂ lbs per MW-hr net	NO _x lbs per MW-hr net	Hg lbs per MW-hr net	PM lbs per MW-hr net	CO ₂ tons per MW-hr net	HTIP (MMBtu)	GEN (Net MW-hours)
Apr. 2016	DH1	0.00000	1.66507			0.68607	120,636.0	10,450.0
	DH2	0.96029	2.52368			0.96305	641,229.0	68,313.0
	DHCT3	0.00000	0.56818			0.73778	4,369.0	352.0
	JRKCC1	0.00614	0.18718			0.50000	548,377.0	65,178.0
		SO ₂ lbs per MW-hr net	NO _x lbs per MW-hr net	Hg lbs per MW-hr net	PM lbs per MW-hr net	CO ₂ tons per MW-hr net	HTIP (MMBtu)	GEN (Net MW-hours)
Apr. 2017	DH1	1.56667	1.67349			0.70075	261,359.0	22,468.0
	DH2	0.00000	0.00000	0.000000	0.000	0.00000	0.0	0.0
	DHCT3	0.00000	0.41131			0.85470	27,966.0	1,945.0
	JRKCC1	0.00875	0.26239			0.55508	213,583.0	22,867.0
		SO ₂ lbs per MW-hr net	NO _x lbs per MW-hr net	Hg lbs per MW-hr net	PM lbs per MW-hr net	CO ₂ tons per MW-hr net	HTIP (MMBtu)	GEN (Net MW-hours)
Apr. 2018	DH1	0.07983	1.91598			0.76454	257,708.0	20,042.0
	DH2	1.10985	3.35794	0.000007	0.138	0.92421	761,299.0	84,516.0
	DHCT3	0.00000	0.00000			0.00000	0.0	0.0
	JRKCC1	0.00000	0.50489			0.62307	33,224.0	3,169.0

2017 Emissions

	SO₂ (tons)	NO_x (tons)	Mercury (lbs)	PM (tons)	CO₂ (tons)	NO_x Rate (lb/mmBtu)	HTIP (mmBtu)	MW-hours
DH1	8.0	183.2	NA	10.0	167,672.3	0.1300	2,817,838.0	241,121.0
DH2	379.0	992.3	2.400	26.2	591,388.7	0.3440	5,769,372.0	597,974.0
DHCT3	0.0	2.2	0.000	0.3	6,354.0	0.0420	106,907.0	7,787.0
JRKCC1	1.5	61.0	NA	15.0	268,577.1	0.0270	4,519,338.0	558,627.0
TOTAL	388.5	1,238.7	2.400	51.5	1,033,992.1	0.543	13,213,455.0	1,405,509.0

2017 Emissions per Net MW-hr

	SO₂ lbs/MW-hr	NO_x lbs/MW-hr	Mercury (lbs)	PM (lbs)	CO₂ tons per MW-hr
DH1	0.06636	1.51924	NA	0.08295	0.69539
DH2	1.26761	3.31887	0.00000401	0.08746	0.98899
DHCT3	0.00000	0.57660	0.00000000	0.07705	0.81598
JRKCC1	0.00537	0.21843	NA	0.05370	0.481

2018 (Jan.-Apr.)

	SO ₂ (tons)	NO _x (tons)	Mercury (lbs)	PM (tons)	CO ₂ (tons)	SO ₂ Rate (lb/MMBtu)	NO _x Rate (lb/MMBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	14.0	64.5			51,272.2			857,942.0	72,997.0
DH2	184.6	442.6	1.4	15.5	254,837.6			2,485,179.0	276,159.0
DHCT3	0.0	0.5			682.9			11,488.0	807.0
JRKCC1	0.2	9.4			36,095.7			607,394.0	70,606.0
TOTAL	198.8	517.0	1.407	15.5	342,888.4			3,962,003.0	420,569.0

Some numbers decreased from last month due to receiving the actual analysis numbers for fuel. Emissions are then recalculated.

2018 (Jan-Mar.) - Emissions per MWh

	SO ₂ lbs/MW-hr	NO _x lbs/MW-hr	Mercury (lbs)	PM (lbs)	CO ₂ tons/MW-hr	SO ₂ Rate (lb/MMBtu)	NO _x Rate (lb/MMBtu)	HTIP (MMBtu)	GEN (MW-hours)
DH1	0.38358	1.76720			0.70239			857,942.0	72,997.0
DH2	1.33691	3.20540	0.000005	0.11222	0.92279			2,485,179.0	276,159.0
DHCT3	0.00000	1.23916			0.84622			11,488.0	807.0
JRKCC1	0.00567	0.26627			0.51123			607,394.0	70,606.0

Deerhaven Renewable 2017 Emissions

State	Facility Name	Facility ID (ORISPL)	Unit ID	Associated Stacks	Year	Quarter	Program(s)	SO2 (tons)	Avg. NOx Rate (lb/MMBtu)	NOx (tons)	CO2 (short tons)	Heat Input (MMBtu)
FL	GREC*	57241	BFB1		2017	1-4	ARP	10.7	0.0632	180.8	600689.7	5759329

*Became DHR on 11/7/17

Deerhaven Renewable 2018 Emissions Quarter 1-4, January-December 2018

State	Facility Name	Facility ID (ORISPL)	Unit ID	Associated Stacks	Year	Quarter	Program(s)	SO2 (tons)	Avg. NOx Rate (lb/MMBtu)	NOx (tons)	CO2 (short tons)	Heat Input (MMBtu)
FL	DHR	57241	BFB1		2018	1	ARP	4.34	0.0829	96.3	252438	2415604
FL	DHR	57241	BFB1		2018	2	ARP					
FL	DHR	57241	BFB1		2018	3	ARP					
FL	DHR	57241	BFB1		2018	4	ARP					

STATE OF THE UTILITY

LEGAL EXPENSES YTD

LEGAL EXPENSES - FY18 to DATE

VENDOR	10/01-10/31 2017	11/01-11/30 2017	12/01-12/31/2017	1/1/18-1/31/18	2/1/18-2/28/18	3/1/18-3/31/18	4/1/18-4/30/18	Total Legal Costs
1000963 HOPPING GREEN & SAMS	\$ 4,921.50	\$ 5,975.75	\$ 11,806.00	\$ 4,419.50	\$ 3,386.50	\$ 3,357.00	\$ -	\$ 33,866.25
1001111 ORRICK HERRINGTON	\$ 8,129.89		\$ 5,745.96	\$ -	\$ -	\$ -	\$ -	\$ 13,875.85
1001204 HOLLAND & KNIGHT	\$ -	\$ 520,000.00	\$ 43,618.72	\$ -	\$ -	\$ 3,352.53	\$ -	\$ 566,971.25
1005092 BRYANT MILLER OLIVE	\$ -	\$ 212,500.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 212,500.00
1001350 WINSTON & STRAWN	\$ 138,815.83	\$ 25,297.88	\$ 1,159,251.76	\$ -	\$ -	\$ -	\$ -	\$ 1,323,365.47
1000983 BALLER HERBST LAW GROUP	\$ -	\$ -	\$ 2,493.75	\$ -	\$ -	\$ -	\$ -	\$ 2,493.75
1001076 JOHN & HENGERER	\$ 910.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 910.00
1005256 KUTAK ROCK	\$ -	\$ 70,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000.00
1005641 McGuirewoods LLP	\$ -	\$ -	\$ -	\$ 20,347.98	\$ -	\$ -	\$ -	\$ 20,347.98
1005293 Thompson Hine LLP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,725.00	\$ -	\$ 2,725.00
	\$ 152,777.22	\$ 833,773.63	\$ 1,222,916.19	\$ 24,767.48	\$ 3,386.50	\$ 9,434.53	\$ -	\$ 2,247,055.55

STATE OF THE UTILITY

WATER/WASTEWATER

Operations Data & Projects

Water/Wastewater Monthly Dashboard

Production						
Murphree Water Treatment Plant						
		April 2018	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	21.7	22.6	30	75%	█
	Peak Daily Flow	24.8	26.8	54	-	█
Main Street Water Reclamation Facility						
		April 2018	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	6.1	6.2	7.5		█
Kanapaha Water Reclamation Facility						
		April 2018	FY to Date (mgd)	Permitted Capacity (mgd)		Status
	Average Daily Flow	12.1	12.2	14.9		█
Water Reclamation Facilities (Combined)						
		April 2018	FY to Date (mgd)	Permitted Capacity (mgd)	% of Permitted Capacity	Status
	Average Daily Flow	18.2	18.4	22.4	82%	█
Maintenance						
Wastewater Collections						
		Apr 2018 (Miles)	FYTD	Monthly Goal (miles)		
	Miles of gravity mains cleaned	8.9	46.0	7.5		█
	Miles of gravity mains TV inspected	6.8	35.5	5.0		█
Water Distribution & Wastewater Collections						
		Apr 2018	FYTD			
	Work orders, service orders completed	878	7,963			█
SSO Monthly Summary						
		April	YTD	GOAL		
	Sanitary Sewer Overflows	4	14	<16		█

Water/Wastewater By the Numbers

Water/Wastewater Systems serves 189,000 people by operating and maintaining the following:

- 1 water treatment plant serving the community @ a daily rated peak of 54mgd
- 16 water supply wells
- 19.5 million gallons of water storage capacity, comprised of pumped ground storage and elevated tanks
- 1,170 miles of water distribution mains
- 24,260 water valves
- 5,800 fire hydrants

- 2 water reclamation facilities (wastewater treatment plants) w/ a combined treatment capacity of 22.4 mgd AADF
- 813 miles of wastewater collection mains; 660 miles of GM and 153 miles of FM
- 170 lift stations pumping wastewater
- 28 reclaimed water mains
- 15,447 manholes